

IN THE CLAIMS

1. (Currently Amended) In a distributed network having a number of server computers and associated client device, a method of creating an anti-computer virus agent, comprising:

parsing the virus into 1) a detection module that identifies a selected one of the client devices as a target client device, 2) an infection module that causes the virus to infect the target client device not infected by the selected virus, and 3) a viral code payload module that infects the targeted client device;

~~parsing a selected computer virus; and~~

~~based upon the parsing,~~

~~modifying the parsed virus so that a **the** detection module for detecting whether a client device is presently infected with a virus[,]~~ triggers the introduction of an anti-virus infection module so that the virus in a client device is overwritten, and wherein an anti-virus agent payload, created based on features of the selected computer virus, performs as a cleaning/repairing payload capable of cleaning and repairing damage done to the client device, ~~the payload also capable of inoculating the client device against the virus in cases where the client device was not infected by the computer virus;~~

analyzing the infection module to determine the method of infection and the anti-virus agent payload module to determine the deleterious effects;

modifying the infection module to infect client devices already infected by the virus;

incorporating the anti-virus into the payload module that acts to prevent further infection by the virus; and

forming an anti-computer virus agent by combining the detection module, the modified infection module and the anti-virus agent payload.

2. (Previously Amended) A method as recited in claim 1, wherein the selected computer virus is formed of a detection module, an infection module, and a viral code payload module.

10. (Currently Amended) In a distributed network having a number of server computers and associated client devices, computer readable medium for creating an anti-computer virus agent, comprising:

computer code for parsing the virus into 1) a detection module that identifies a selected one of the client devices as a target client device, 2) an infection module that causes the virus to infect the target client device not infected by the selected virus, and 3) a viral code payload module that infects the targeted client device;

~~computer code for parsing a selected computer virus; and~~

~~computer code for modifying the parsed virus to repair those client devices infected by the selected virus based on the parsing~~

computer code for modifying the parsed virus so that the detection module for detecting whether a client device is presently infected with a virus triggers the introduction of an anti-virus infection module so that the virus in a client device is overwritten, and wherein an anti-virus agent payload, created based on features of the selected computer virus, performs as a cleaning/repairing payload capable of cleaning and repairing damage done to the client device;

computer code for analyzing the infection module to determine the method of infection and the anti-virus agent payload module to determine the deleterious effects;

computer code for modifying the infection module to infect client devices already infected by the virus;

computer code for incorporating the anti-virus into the payload module that acts to prevent further infection by the virus; and

computer code for forming an anti-computer virus agent by combining the detection module, the modified infection module and the anti-virus agent payload.

11. (Previously Amended) Computer readable medium as recited in claim 10, wherein the virus is formed of a detection module, an infection module, and a viral code payload module.

12. (Previously Amended) Computer readable medium as recited in claim 11, comprising:

computer code for identifying a selected one of the client devices as a target client device.

13. (Previously Amended) Computer readable medium as recited in claim 12, wherein the infection module causes the virus to infect those target client devices not infected by the selected virus.

14. (Previously Amended) Computer readable medium as recited in claim 13, wherein the viral code payload module includes viral code that infects the targeted client device.

15. (Previously Amended) Computer readable medium recited in claim 14, wherein the modifying comprises:

computer code for modifying the infection module to infect those computers already infected by the selected virus.

16. (Previously Amended) Computer readable medium as recited in claim 15, wherein the modifying comprises:

computer code for incorporating inoculation viral code in the payload module that acts to prevent further infection by the selected virus.

17. (Previously Amended) Computer readable medium as recited in claim 16, wherein the modifying further comprises:

computer code for incorporating repair viral code in the payload module that acts to repair any damage in the infected client device caused by the selected virus.

18. (Previously Amended) Computer readable medium as recited in claim 17, comprising:

computer code for forming the anti-viral agent by combining the detection module, the modified infection module and the modified viral payload module.